

**What is claimed is:**

1           1.    A portable storage device, comprising:  
2           a main body having a connector, a protective element  
3           and at least one first power connection  
4           portion, wherein the connector and first power  
5           connection portion are disposed on the main  
6           body, the connector is electrically connected  
7           to the data transfer port of an electronic  
8           device, and the protective element is connected  
9           to the main body to protect the connector; and  
10          a battery dock connected to the main body and having  
11          at least one second power connection portion  
12          equally corresponding to the first power  
13          connection portion, wherein the second power  
14          connection portion is connected to the first  
15          power connection portion when the battery dock  
16          is connected to the main body.

1           2.    The portable storage device as claimed in claim  
2           1, wherein the main body is a portable flash memory  
3           device and MP3 player.

1           3.    The portable storage device as claimed in claim  
2           1, wherein the protective element of the main body is a  
3           sliding cover connected to the main body.

1           4.    The portable storage device as claimed in claim  
2           1, wherein the protective element of the main body is a  
3           protective cover detachably connected to the main body.

1           5.    The portable storage device as claimed in claim  
2    1, wherein the protective element of the main body is a  
3    bellows-type protective cover flexibly connected to the  
4    main body.

1           6.    The portable storage device as claimed in claim  
2    1, wherein the main body further comprises a single  
3    control to select the function thereof, an accessory-  
4    attachment loop, an earphone jack and a write-protection  
5    button to prevent data from being written to the main  
6    body.

1           7.    The portable storage device as claimed in claim  
2    1, wherein the battery dock further comprises a battery  
3    cover and a release button to release the same.

1           8.    The portable storage device as claimed in claim  
2    1, wherein the surface of the protective element further  
3    comprises at least one anti-slip strip.

1           9.    The portable storage device as claimed in claim  
2    1, wherein the connector is a USB connector.

1           10.   The portable storage device as claimed in claim  
2    1, wherein the battery dock further comprises a connector  
3    accommodation portion to accommodate the connector.

1           11.   A portable storage device, comprising:  
2           a main body having a connector, a sliding cover and  
3           at least one first power connection portion,  
4           wherein the connector and first power  
5           connection portion are disposed on the main

6           body, the connector is electrically connected  
7           to the data transfer port of an electronic  
8           device, and the sliding cover is slidably  
9           connected to the main body to protect the  
10          connector; and

11         a battery dock connected to the main body and having  
12         at least one second power connection portion  
13         equally corresponding to the first power  
14         connection portion, a connector accommodation  
15         portion and a main body accommodation portion,  
16         wherein the second power connection portion is  
17         connected to the first power connection  
18         portion, the connector is accommodated in the  
19         connector accommodation portion and the main  
20         body is accommodated in the main body  
21         accommodation portion when the battery dock is  
22         connected to the main body.

1           12. The portable storage device as claimed in claim  
2           11, wherein the main body is a portable flash memory  
3           device and MP3 player and further comprises a single  
4           control to select the function thereof, an accessory-  
5           attachment loop, an earphone jack and a write-protection  
6           button to prevent data from being written to the main  
7           body.

1           13. The portable storage device as claimed in claim  
2           11, wherein the battery dock further comprises a battery  
3           cover and a release button to release the same.

1           14. The portable storage device as claimed in claim  
2           11, wherein the surface of the sliding cover further  
3           comprises at least one anti-slip strip, and the connector  
4           is a USB connector.

1           15. A portable storage device, comprising:

2           a main body having a connector, a protective cover  
3           and at least one first power connection  
4           portion, wherein the connector and first power  
5           connection portion are disposed on the main  
6           body, the connector is electrically connected  
7           to the data transfer port of an electronic  
8           device, and the protective cover is detachably  
9           connected to the main body to protect the  
10          connector; and

11          a battery dock connected to the main body and having  
12          at least one second power connection portion  
13          equally corresponding to the first power  
14          connection portion, wherein the second power  
15          connection portion is connected to the first  
16          power connection portion when the battery dock  
17          is connected to the main body.

1           16. The portable storage device as claimed in claim  
2           15, wherein the main body is a portable flash memory  
3           device and MP3 player and further comprises a single  
4           control to select the function thereof, an accessory-  
5           attachment loop, an earphone jack and a write-protection  
6           button to prevent data from being written to the main  
7           body.

1           17. The portable storage device as claimed in claim  
2           15, wherein the battery dock further comprises a battery  
3           cover, the surface of the protective cover further  
4           comprises at least one anti-slip strip, and the connector  
5           is a USB connector.

1           18. A portable storage device, comprising:

2           a main body having a connector, a bellows-type  
3           protective cover and at least one first power  
4           connection portion, wherein the connector and  
5           first power connection portion are disposed on  
6           the main body, the connector is electrically  
7           connected to the data transfer port of an  
8           electronic device, and the bellows-type  
9           protective cover is flexibly connected to the  
10          main body to protect the connector; and

11          a battery dock connected to the main body and having  
12          a connector accommodation portion and at least  
13          one second power connection portion  
14          corresponding to the first power connection  
15          portion, wherein the second power connection  
16          portion is connected to the first power  
17          connection portion and the connector is  
18          accommodated in the connector accommodation  
19          portion when the battery dock is connected to  
20          the main body.

1           19. The portable storage device as claimed in claim  
2           18, wherein the main body is a portable flash memory  
3           device and MP3 player and further comprises a single

4 control to select the function thereof, an accessory-  
5 attachment loop, an earphone jack and a write-protection  
6 button to prevent data from being written to the main  
7 body.

1 20. The portable storage device as claimed in claim  
2 18, wherein the battery dock further comprises a battery  
3 cover, and the connector is a USB connector.